

Executive summary

The Trials Review, Information and Genetics (TRIG) project was designed in consultation with Farm Forest Growers Victoria, with funding provided by the Federal Government, and delivered via the Victorian Government's Department of Jobs Precincts and Regions (DJPR) and Forestry Australia. The purpose of the TRIG Project is to support the integration of tree plantings into farms in Victoria through four key activities:

1. Provide a comprehensive update to the farm forestry trial database information and identify priority sites to target for ongoing treatment and data collection.
2. Identify model plantings of various species/provenances that have performed well in representative environments. Where appropriate, and in conjunction with the landowners, plan and manage approved stand management activities (such as thinning).
3. Enhance the management of existing seed orchards and explore establishment of new seed production areas (SPAs) and identify the need for the establishment of new seed orchards and SPAs to supply improved seed.
4. Collate, clean and disseminate relevant updated datasets, reports and advisory information via a publicly accessible web platform hosted by the Victorian government and Forestry Australia and other promotional activities.

PF Olsen Australia undertook the project over 14 months and delivered the following outcomes:

1. The farm forestry trial database was updated with new trials and information gathered during various stages of the project. Priority sites were identified, inventory conducted, and works completed. Productivity maps of two key species (*Eucalyptus cladocalyx* and *Corymbia maculata*) across Victoria were developed using the data from the inventory.
2. A number of model plantings were identified which, with the agreement of the landowners, can be used as demonstration sites. These sites have had signage installed to aid with interpretation.
3. The availability of seed for the shortlist of promising seed was explored. It was discovered that there is generally a plentiful supply of seed and that sufficient orchards already exist.
4. As well as this report, a webpage has been created that includes case studies and an interactive map that helps identify species for farm forestry. The potential for accessing carbon markets in Australia was described.